

NATIONAL RAILROAD PASSENGER CORPORATION
BOARD OF DIRECTORS
SAFETY & SECURITY COMMITTEE
MINUTES OF MEETING
MARCH 21, 2018

The Safety & Security Committee of the Board of Directors of the National Railroad Passenger Corporation (Amtrak) met at the Corporation's headquarters located at 1 Massachusetts Ave., N.W., Washington, D.C. on Wednesday, March 21, 2018.

Committee members participating in the meeting were: Christopher Beall (Committee Chairman) (via telephone), Tom Carper, and Albert DiClemente.

Ken Hylander (Executive Vice President, Chief Safety Officer) and Scot Naparstek (Executive Vice President, Chief Operations Officer) participated in the meeting.

Phil A. Hancock (Senior Assistant Corporate Secretary), William Heinrich (Assistant Vice President, Chief Information Security Officer), Theresa Impastato (Deputy Chief Safety Officer), Justin Meko (Vice President, Safety & Compliance Training), Susan Reinertson (Assistant Vice President, Emergency Management & Corporate Security), Neil Trugman (Assistant Vice President, Chief of Police), and Christian Zacariassen (Vice President, Chief Information Officer) attended the meeting.

Mr. Carper, acting as Committee Chair, called the meeting to order at 12:35 p.m. The minutes were recorded by Mr. Hancock.

APPROVAL OF COMMITTEE MINUTES

Following discussion, upon motion made by Mr. DiClemente and seconded by Mr. Carper, the Committee voted to approve the minutes of its January 24, 2018 meeting.

REVIEW OF ACTION TRACKER

The Committee reviewed the items listed on the action tracker document and Management responded to questions.

SYSTEM SAFETY REPORT

Ms. Impastato provided the Committee with a major incidents update. She discussed the recent developments regarding the Train 501 derailment in DuPont, WA, the Train 923 Congressional Special grade crossing collision in Crozet, VA, and the Train 91 collision with a CSX freight train in Cayce, SC. Ms. Impastato said that Amtrak has implemented immediate corrective actions such as the initiation of Root Cause Corrective Action (RCCA) programs to address over-speed and electric shock incidents and operational risk assessment activities to reduce operational risk during signal suspension and in the initiation of new service routes.

Mr. Naparstek briefed the Committee on the Acela Train 2150 car separation incident in Harve De Grace, MD. He reported that on February 6, the train experienced a separation of two cars while operating at 125 mph. He pointed out that there were no injuries and that a material analysis revealed that a bolt had failed due to fatigue cracking. Mr. Naparstek said that since the incident the entire Acela fleet has been inspected and all of the bolts have been replaced. He noted that a retention plate had been designed and was in process of being installed to provide secondary mitigation to eliminate any opportunities for future separation events.

Mr. Meko provided the safety performance update. He discussed the most recent trespasser/grade crossing incidents, passenger injury, and trespasser injury statistics. Mr. Meko explained that employee injury rates were flat when compared to previous years, but he is continuing to focus on the Corporation's serious injury/fatality (SIF) incidents by implementing root cause analyses to eliminate employee exposures to such injuries and fatalities.

The Committee discussed the system safety report and Mr. Meko, Mr. Naparstek, Ms. Impastato, and Mr. Hylander responded to questions.

SAFETY MANAGEMENT SYSTEM

Mr. Hylander presented the Committee with Amtrak's Safety Management System (SMS) implementation strategy. He said that there are four main pillars of any SMS: Safety Policy, Risk Management, Safety Assurance, and Safety Promotion (training and education). Mr. Hylander explained that the SMS implementation would occur on two parallel paths: (1) with a System Safety Program Plan (SSPP) submittal to the FRA in November 2018; and (2) with a focus on critical program element implementation during this year. He said that the Safety department has identified safety policy, safety data acquisition, risk-based hazard management processes, safety assurance processes, accident/incident investigations and safety culture as the Corporation's top priorities. The Committee reviewed the SMS implementation strategy and Mr. Hylander responded to questions.

PTC UPDATE

Mr. Naparstek provided the Committee with a Positive Train Control update. He presented the Committee with a map illustrating the current Amtrak routes and their implementation status. He noted that a PTC Summit was held in February 2018 with representatives from Washington State, Oregon, California, Union Pacific, BNSF, Sound Transit, Metrolink, North County Transit District (San Diego), FRA, Amtrak, Wabtec, Siemens, and Talgo to discuss PTC related risks, concerns and solutions. Mr. Naparstek also noted that Amtrak has completed federation with Norfolk Southern, CSX, and Union Pacific with BNSF and Metrolink soon to follow. The Committee discussed the PTC implementation status and Mr. Naparstek responded to questions.

RESOLUTIONS WITH RESPECT TO SMS AND PTC

Mr. Hylander presented the Committee with respect to adoption of the Safety Management System (SMS) and the implementation of Positive Train Control (PTC) across the Amtrak system. The Committee reviewed the resolutions and Mr. Hylander responded to questions. After discussion, the Committee agreed to recommend approval of the resolutions to the Board of Directors.

APD REPORT

Chief Trugman provided the APD Report, beginning with an overview of the year-to-date crime statistics. He said that 106 assaults had been reported against employees, passengers, and police officers and that the number of assaults and arrests have increased since the previous year. Chief Trugman added that APD has increased visibility in train stations, on platforms, and on trains in order increase customer security. The Committee reviewed the APD report and Chief Trugman responded to questions.

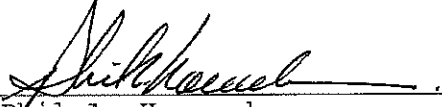
INFORMATION SECURITY REPORT

Mr. Heinrich provided the Information Security report. He pointed out that Amtrak has engaged with Parsons to complete an Industrial Control System (ICS) discovery and risk assessment initiative, which began in January and is scheduled to be complete by April 27, 2018. Mr. Heinrich noted that the Payment Card Industry (PCI) Data Security Standard (DSS) certification was completed in January with a PCI Report on Compliance (ROC) date of January 19, 2018. Mr. Heinrich presented the Committee with a five-year cyber security strategy. He discussed the plans execution, vision, goals, objectives, and roadmap. The Committee reviewed the specifics of the information security report and the cyber security strategy, and Mr. Heinrich and Mr. Zacariassen responded to questions.

At 2:25 p.m., Management left the room and the meeting continued in Executive Session.

ADJOURNMENT

There being no further business before the Committee, the meeting adjourned at 2:30 p.m.



Phil A. Hancock
Senior Assistant Corporate Secretary

